

WHAT IS CLAIMED IS:

1. A pipe joint comprising a hollow cylindrical joint body made of elastic material such as heat-resistant rubber with a prescribed length and a circular flange for connecting piping attached to the both ends of the joint body, wherein on the side of the inner circumference of said joint body is provided a bellows metal pipe closely contacted with said joint body, and the thickness of said joint body is at least larger than the size of the summit or the trough of bellows of said metal pipe.
2. The pipe joint according to claim 1, wherein bellows of the bellows metal pipe is formed in the direction of the pipe's axis at regular intervals in the circular form.
3. The pipe joint according to claim 1, wherein each of both ends of the metal pipe is provided a circular attachment seat with its section being L-shaped and said attachment seat is engaged with and attached to the surface of the outer side and the inner circumferential surface.
4. The pipe joint according to claim 3, wherein the attachment seat comprises a small cylindrical pipe and a circular plate fixed by welding to a tip of the open side of the small cylindrical pipe and said circular plate is contacted with the surface of the outer side of the flange while the small cylindrical pipe is fixed and attached to the inner circumferential surface of the flange.
5. The pipe joint according to claim 4, wherein each of both ends

of the metal pipe comprises a flat section and said flat section covers all over the inner circumferential surface of the small cylindrical pipe.

6. The pipe joint according to claim 1, wherein the outer
5 circumferential surface of the joint body is formed with at least one convex section making a nonlinear-like surface.

7. The pipe joint according to claim 1, wherein the outer circumferential surface of the joint body is formed with a plurality of convex sections and concave sections making a nonlinear-like surface,
10 and each of said convex sections and concave sections is positioned corresponding to the summit or the trough of bellows of the metal pipe respectively.

8. The pipe joint according to claim 1, wherein the outer circumferential surface of the joint body does not have a convex section
15 or a concave section making a linear-like surface.

9. The pipe joint according to claim 1, wherein a stopper member for maintaining capacity to resist pressure is attached to the two flanges connecting one flange to another therewith.

10. The pipe joint according to claim 8, wherein the stopper member
20 comprises a through bolt and a nut.